

AFEP 2004 Research Proposal Review

Anadromous Fish Evaluation Program						
2004 Research Proposal Review						
Estuary						
Monday, September 15, 2003						
1:00-1:15 - Introduction - Rock Peters, COE						
Time	Study Code	Title	Author	Agency	COE Lead	Number
1:15-1:25	EST-P-01	A study to estimate salmonid survival through the Columbia River estuary using acoustic tags	McComas, Carlson	NMFS, PNNL	Ebberts	1
1:30-1:40	EST-P-00-1	Estuarine habitat and juvenile salmon-current and historic linkages in the lower Columbia River and estuary	Bottom	NMFS	Ebberts	2
1:45-1:55	EST-02-03	Evaluation of the relationship among time of ocean entry, physical, and biological characteristics of the estuary and plume environment and adult return rates	Muir	NMFS	Ebberts	3
2:00-2:15	EST-04-P-New2	Evaluating cumulative ecosystem response to restoration projects in the Columbia River estuary	Thom, Roegner	PNNL, NMFS	Ebberts	4
2:20-2:35	EST-04-New5	Evaluating long-term and cumulative changes in the lower Columbia River estuary	Petersen	USGS	Ebberts	5
2:40-2:55	EST-04-New4	Evaluation of adult salmon habitat use in the Columbia River estuary and plume	Peery, Schreck	U of I, OSU	Ebberts	6
3:00-3:15 Break						
3:15-3:30	EST-P-04-New1	Adult salmon use of the Columbia River estuary and plume	Burke, Ashbrook, Schreck	NMFS, WDFW, OSU	Ebberts	7
3:35-3:50	EST-P-04-New3	Adult salmon use of the Columbia River estuary and plume	Brown	PNNL	Ebberts	8

AFEP 2004 Research Proposal Review

Project Survival						
Time	Study Code	Title	Author	Agency	COE Lead	Number
3:55-4:10	SPE-P-00-8	Evaluation of direct survival at The Dalles Spillway ( <b>no proposal</b> )	Langeslay	COE	Langeslay	9
4:15-4:30	SPE-P-00-8	Detection of changes in escape behavior among salmon smolts following passage down The Dalles Spillway	Cada	Oakridge Ridge	Langeslay	10
4:35-4:50	SPE-P-00-8	Characterization of The Dalles Dam spillway environment	Carlson	PNNL	Langeslay	11
<b>Tuesday, September 16, 2003</b>						
8:00-8:05 - Introduction - Rock Peters, COE						
8:05-8:15	SPE-P-00-8	Estimate the survival of migrant juvenile salmonids through The Dalles Dam using Radio Telemetry: 2004 evaluations	Counihan	USGS	Langeslay	12
8:20-8:30	SBE-P-00-17	Estimate fish, spill and sluiceway passage efficiencies of radio-tagged juvenile salmonids at The Dalles Dam in 2004	Beeman	USGS	Langeslay	13
8:35-8:50	SPE-P-04-New	Relative significance of predation by smallmouth bass on juvenile salmonids in the tailrace of The Dalles Dam	Liedtke	USGS	Langeslay	14
8:55-9:05	SBE-P-00-7	Movement, distribution, and passage behavior of Radio-Tagged juvenile salmonids at Bonneville Dam associated with FPE and survival tests	Adams	USGS	Ebberts	15
9:10-9:20	SPE-P-02-1	Estimating the survival of migrant juvenile salmonids through Bonneville Dam using Radio Telemetry: 2004 evaluations	Counihan	USGS	Ebberts	16
9:25-9:35	SBE-P-00-7	Hydroacoustic evaluation of juvenile salmonid fish passage efficiency at Bonneville Dam in 2004	Ploskey	PNNL	Ebberts	17
9:40-9:50	SPE-P-00-7	Estimate the survival of migrant juvenile salmonids passing through John Day Dam using Radio Telemetry;2004 evaluations	Counihan	USGS	Langeslay	18
<b>9:55:10:10 Break</b>						

AFEP 2004 Research Proposal Review

Time	Study Code	Title	Author	Agency	COE Lead	Number
10:10-10:20	SPE-P-00-7	Monitor tailrace egress at juvenile bypass system outfall under test discharge levels at John Day Dam	Liedtke	USGS	Langeslay	19
10:25-10:35	SPE-P-00-7	Estimate the fish, spill and juvenile bypass passage efficiencies, spill effectiveness and forebay residence times of radio-tagged juvenile salmonids relative to spill test at John Day Dam in 2004	Beeman	USGS	Langeslay	20
10:40-10:50	SPE-W-04-1	Hydroacoustic evaluation of fish passage at Ice Harbor Dam	Smith	COE	Smith	21
10:55-11:05	SPE-W-04-4	Hydroacoustic evaluation of fish passage at Lower Monumental Dam	Smith	COE	Smith	22
11:10-11:20	SPE-W-04-1	Direct injury/ survival of juvenile chinook salmon passing through the spillway at Ice Harbor Dam	Smith	COE	Smith	23
11:25-11:35	SPE-W-04-1	Fish Passage and Survival at Lower Snake River and McNary dams	Eppard	NMFS	Smith	24
11:40-11:50	SPE-W-04-1	Survival and migration behavior of sub-yearling juvenile Chinook salmon at Ice Harbor and Lower Monumental Dams, 2004	Adams	USGS	Smith	25
<b>11:55-1:00 Lunch</b>						
1:00-1:10	OTS-W-04-1 (NEW)	Survival and migration behavior of juvenile salmonids at McNary Dam, 2004	Perry	USGS	Smith	26
1:15-1:25	OTS-W-04-1 (NEW)	Evaluation of juvenile salmonid condition in McNary Dam gatewells with prototype vertical barrier screens under various turbine operating conditions	Absolon	NMFS	Smith	27
<b>Surface Collection</b>						
1:30-1:40	SBE-W-96-1	Migrational characteristics of juvenile sub-yearling salmon in the forebay of Lower Granite Dam relative to removable spillway weir tests, 2004	Adams	USGS	Wik	28

AFEP 2004 Research Proposal Review

Time	Study Code	Title	Author	Agency	COE Lead	Number
1:45-1:55	SBE-P-00-17	Fish passage studies for surface flow bypass development at The Dalles Dam	Johnson	PNNL	Feil	29
2:00-2:10	SBE-P-00-17	Distribution and movement of fish and flow upstream of The Dalles Dam and implications for Surface-flow bypass	Faber	PNNL	Feil	30
2:15-2:30	SBE-P-00-17	Three-dimensional behavior and passage of juvenile salmonids at The Dalles Dam, 2004	Cash, Faber	USGS, PNNL	Feil	31
<b>Adult Studies</b>						
2:35-2:45	ADS-00-1	Evaluation of adult salmon and steelhead migrations past dams, through reservoirs, and into tributaries in the lower Columbia River-2004	Peery, Burke	U of I, NMFS	Clugston	32
2:50-3:00	ADS-W-00-1	Salmon and adult lamprey throughout the watersheds of Walla Walla District	Peery	U of I	Shutters	33
<b>3:05-3:20 Break</b>						
3:20-3:30	ADS-02-6	An evaluation of abundance, downstream passage behavior and return rates from steelhead kelts passing Lower Columbia River dams; including a post construction evaluation of modifications to The Dalles Dam spillway and the Bonneville powerhouse II corner collector	Wertheimer	COE FFU	Clugston	34
3:35-3:45	ADS-00-4	Evaluation of an instream pit detection system to monitor adult salmon and steelhead homing and straying behavior	Peery, Zydlewski	U of I, USFWS	Clugston	35
<b>Lamprey Studies</b>						
3:50-4:00	LPS-P-04 New	Evaluation of adult salmon, steelhead, and lamprey migrations past dams, through reservoir in the lower Columbia River, and into tributaries	Moser, Peery	NMFS, U of I	Clugston	36

AFEP 2004 Research Proposal Review

Bypass Studies						
Time	Study Code	Title	Author	Agency	COE Lead	Number
4:05-4:20	BPS, SBE	DIDSON technology development and fish behavior research related to fish passage at columbia basin dams	Liou	U of I		37
4:25-4:35	BPS	Studies to establish biological design criteria for fish passage facilities: High velocity flume development 2004	Gessel	NMFS	Kalamasz	38
4:40-4:50	BPS-P-03-New	Development and evaluation of full-flow PIT-tag interrogation systems for Bonneville and John Day Dams	Prentice	NMFS	Feil	39
4:55-5:05	BPS-P-00-15	Evaluation of modified vertical barrier screens and extended-length submersible bar screens at John Day Dam	Brege	NMFS	Feil	40
<b>Wednesday, September 17, 2003</b>						
8:00-8:05 - Introduction - Rock Peters, COE						
8:05-8:15	BPS-P-00-14	Evaluation of gateway modifications at Bonneville second powerhouse using an integrated approach	Ploskey	PNNL	Schwartz	41
Transportation						
8:20-8:30	TPE-W-00-1	A study to compare SARs of in river migrating versus transported anadromous salmonids	Matthews	NMFS	Ocker	42
8:35-8:45	TPE-W-04-06	A study to evaluate the effects of transporting spring/summer Chinook salmon in the presence of steelhead smolts	Gilbreath	NMFS	Ocker	43
8:50-9:00	BPS-00-11	Electronic recovery of ISO-PIT tags from piscivorous bird colonies in the Columbia River Basin	Ryan	NMFS	Ocker	44
9:05-9:15	BPS-00-9	Sampling PIT-tagged juvenile salmonids migrating in the Columbia River estuary	Ledgerwood	NMFS	Ocker	45

AFEP 2004 Research Proposal Review

Time	Study Code	Title	Author	Agency	COE Lead	Number
9:20-9:30	TPE-W-00-2	Evaluation of post-release losses and barging strategies that minimize post-release mortality and determination of the benefits of early spring transport from the Snake River	Schreck	OSU	Ocker	46
9:35-9:45	TPE-W-00-2	Evaluation of post-release losses and barging strategies that minimize post-release mortality	Schreck	OSU	Ocker	47
9:50-10:05	TPE-W-04-03 New	Water temperature effects on juvenile fall chinook salmon survival at the hydroprojects	Schreck	OSU	Ocker	48
<b>10:10-10:25 Break</b>						
10:25-10:40	TPE-W-04-6 New	Use of a gene chip to study the effects of transportation procedures on juvenile salmonids	Schreck	OSU	Ocker	49
<b>Bull Trout</b>						
10:45-10:55	BT-P-04-New	Swimming performance of bull trout	Mesa, Zydlowski	USGS, USFWS	Clugston	50
<b>White Sturgeon</b>						
11:00-11:15	WTS-04-New	Behavior of white sturgeon near hydroprojects and fishways	Parsley, Moser, Peery	USGS, NMFS, U of I	Clugston	51